



**NORTH COAST
LABORATORIES LTD.**

May 31, 2018

City of Eureka
4301 Hilfiker Lane
Eureka, CA 95503

Attn: David Adams

Order No.: 1805331
Invoice No.: 140236
PO No.: 118076
ELAP No.1247-Expires July 2018

RE: Lost Coast Brewery

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	Outfall 001
01B	Outfall 001

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative

All solid results are expressed on a wet-weight basis unless otherwise noted.

Approved for release by:

Roxanne Moore, Project Manager

Date: 31-May-2018
WorkOrder: 1805331

CASE NARRATIVE

The samples were received on ice with a temperature above the EPA recommended temperature of less than or equal to 6° C.

Date: 31-May-2018

WorkOrder: 1805331

ANALYTICAL REPORT

Client Sample ID: Outfall 001

Received: 5/18/2018

Lab ID: 1805331-01A

Collected: 5/18/2018 11:10

Test Name: Biochemical Oxygen Demand

Reference: SM 5210B, 2001. Revs 2011

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Biochemical Oxygen Demand	5,400		2.0	mg/L	1.0		5/18/2018

Test Name: Non-Filterable Residue (TSS)

Reference: SM 2540D, 1997. Revs 2011

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Non-Filterable Residue(TSS)	930		1.0	mg/L	1.0		5/22/2018

Client Sample ID: Outfall 001

Received: 5/18/2018

Lab ID: 1805331-01B

Collected: 5/18/2018 11:10

Test Name: Chemical Oxygen Demand

Reference: HACH 8000

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Chemical Oxygen Demand	8,400		500	mg/L	100	5/29/2018	5/31/2018

North Coast Laboratories, Ltd.

Date: 5/31/2018

CLIENT: City of Eureka
Work Order: 1805331
Project: Lost Coast Brewery

QC SUMMARY REPORT

Method Blank

Sample ID MBLNK	Batch ID: R95655	Test Code: CODW	Units: mg/L	Analysis Date 5/31/2018	Prep Date 5/29/2018						
Client ID:		Run ID: WC_180529G		SeqNo: 1361121							
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chemical Oxygen Demand	ND	5.0									
Sample ID MBLK	Batch ID: R95572	Test Code: NFRW	Units: mg/L	Analysis Date 5/22/2018	Prep Date						
Client ID:		Run ID: WC_180522G		SeqNo: 1359899							
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Non-Filterable Residue(TSS)	ND	1.0									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 1 of 1

ED_006495_00002298-00004

North Coast Laboratories, Ltd.

Date: 5/31/2018

CLIENT: City of Eureka
Work Order: 1805331
Project: Lost Coast Brewery

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID	LCS WL-05291805	Batch ID:	R95655	Test Code:	CODW	Units:	mg/L	Analysis Date	5/31/2018	Prep Date	5/29/2018
Client ID:		Run ID:	WC_180529G					SeqNo:	1361122		
Analyte		Result		Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Chemical Oxygen Demand		49.60		5.0	50.0	0	99.2%	85	115	0	

Sample ID	LCSD WL-052918	Batch ID:	R95655	Test Code:	CODW	Units:	mg/L	Analysis Date	5/31/2018	Prep Date	5/29/2018
Client ID:		Run ID:	WC_180529G					SeqNo:	1361123		
Analyte		Result		Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Chemical Oxygen Demand		48.53		5.0	50.0	0	97.1%	85	115	49.6	2.18% 20

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 5/31/2018

CLIENT: City of Eureka
Work Order: 1805331
Project: Lost Coast Brewery

QC SUMMARY REPORT

BOD Organic Standard

Sample ID	ORG STD	Batch ID:	R95568	Test Code:	BODW	Units:	mg/L	Analysis Date	5/18/2018 10:00:00 AM	Prep Date	
Client ID:		Run ID:	WC_1805181					SeqNo:	1359799		
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biochemical Oxygen Demand	206.7	2.0	200	0	103%	85	115	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 1 of 1

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by

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